



AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A multifunction printed sheets interface system
[[.]] comprising:

plural sheet input areas ~~for receiving printed sheets from plural printers,~~
plural sheet outputs areas ~~for plural outputs to different sheet processing~~
systems,

a sheet position sensing system, and

a sheet transporting system, said sheet transporting system comprising
independently operable sheet transports and providing selectable sheet translation to
selectably transport sheets from selected ones of said plural sheet input areas to
selected ones of said plural sheet outputs areas so as to provide selectable sheet
feeding from ~~selected printers to selected sheet processing systems,~~ said sheet
transports providing variable angle driving for selectable sheet rotation and translation
of selected sheets.

2. (Currently Amended) The ~~multifunction printed sheets interface~~ system of
claim [[1]] 8, wherein said sheet transporting system additionally provides selectable
sheet rotation of selected sheets.

3. (Currently Amended) The multifunction printed sheets interface system of
claims claim 1 ~~, or 2,~~ wherein said sheet transporting system additionally provides
selectable sheet merging in a selected sheet sequence of sheets from said plural sheet
input areas ~~printers to a selected said sheet~~ outputs areas ~~processing system.~~

4. (Currently Amended) The multifunction printed sheets interface system of
claim 8 ~~claims 1, 2, or 3,~~ wherein said sheet transporting system comprises a multiplicity

of spaced and independently operable variable-sheet-feeding-direction sheet transports.

5. (Currently Amended) The multifunction printed sheets interface system of either one of claims 1, ~~2, and 3, or 4~~, wherein said sheet transporting system is a generally planar sheet feeding table larger than the dimensions of any sheet to be fed thereon for simultaneous plural sheet variable transport thereon.

6. (Currently Amended) The multifunction printed sheets interface system of either one of claims 1, ~~2, and 3, 4, or 5~~, wherein said sheet transporting system has a large planar area with a multiplicity of spaced apart independently operable variable sheet feeding direction and sheet velocity sheet transports, said large planar area being substantially larger than the dimensions of any sheet to be fed thereon to allow simultaneous plural sheet variable transport thereon by said multiplicity of spaced apart independently operable variable sheet feeding direction and sheet velocity sheet transports, said sheets being sensed thereon by said sheet position sensing system, and said sheet position sensing system controlling said multiplicity of spaced apart independently operable variable sheet feeding direction and sheet velocity sheet transports.

7. (New) The multifunction printed sheets interface system of claim 1, wherein a plurality of said sheet transports are each closer to four other sheet transports than the smallest sheet to be fed.

8. (New) A system comprising:

a plurality of printers;

a plurality of sheet processing systems; and

a multifunction printed sheets interface system comprising:

a plurality of sheet input areas which receive printed sheets from
the plurality of printers,

a plurality of sheet outputs areas which provide plural outputs to different ones of the sheet processing systems,

a sheet position sensing system, and

a sheet transporting system, said sheet transporting system providing selectable sheet translation to selectably transport sheets from selected ones of said plural sheet input areas to selected ones of said plural sheet outputs areas so as to provide selectable sheet feeding from selected printers to selected sheet processing systems.

9. (New) The system of claim 8, wherein said sheet transporting system additionally provides selectable sheet merging in a selected sheet sequence of sheets from said plurality of printers to a selected processing system.

10. (New) The system of claim 8, wherein said sheet transporting system comprises a multiplicity of spaced and independently operable sheet transports.

11. (New) The system of claim 10, wherein a plurality of said sheet transports are each closer to four other sheet transports than the smallest sheet to be fed.

12. (New) The system of claim 10, wherein said sheet transports are configured for variable angle driving.

13. (New) The system of claim 10, wherein said printed sheets interface system comprises a generally planar sheet feeding table larger than the dimensions of any sheet to be fed thereon for simultaneous variable transport of a plurality of sheets thereon.

14. A method comprising:
printing sheets on a plurality of printers;
feeding the printed sheets from the plurality of printers to a plurality of respective input areas of a printed sheets interface system;

transporting the printed sheets from the input areas to selected ones of a plurality of output areas of the printed sheets interface system with a plurality of sheet transports; and

sensing a position of the printed sheets during transporting.

15. (New)The method of claim 14, wherein said transporting includes selectively transporting sheets in a first direction, a second direction perpendicular to the first direction, and a third direction angularly spaced between the first and second directions.